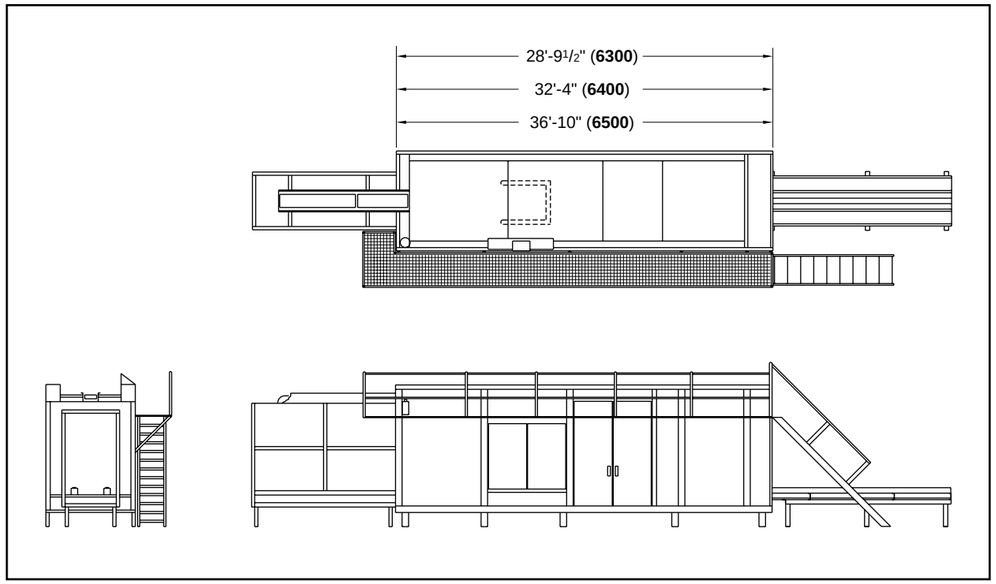
SERIES 6000 IN-LINE PALLETIZER



PRODUCTION AUTOMATION INC.

PALLETIZERS

AUTOMATED MATERIAL HANDLING SYSTEMS

2075 Exchange Street • Montgomery, Alabama 36116

Telephone (334) 281-4970 • Fax (334) 281-9444

Website: http://www.palletizers.com

PAI 6000 8/00

SERIES 6000 IN-LINE PALLETIZER

The Nation's Leading Manufacturer of In-Line Palletizers

PRODUCTION AUTOMATION INC.

SERIES 6000 IN-LINE PALLETIZER

ECONOMICAL • HIGH SPEED • CONTINUOUS MOTION

Production Automation, Inc., the industry's leading manufacturer of economical, high speed, continuous motion,in-line palletizers — presents the **SERIES 6000**!

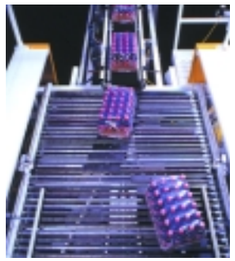
FEATURING:

- **Electric or Hydraulic Drive System**
- **Heavy Duty Tubular Construction**
- **High Speed Line Divider**
- **Soft Case Turning System**
- **Pattern Forming Area**
- **Low Pressure Layer Placement**
- **Forklift Type Pallet Dispenser**
- **Easy-To-Use Touch Screen Display**

The **SERIES 6000** Palletizer can handle a wide range of case sizes including unsupported shrink-wrap. Speeds range from 100-200 cases per minute, depending upon case size and pattern.

PRODUCTION AUTOMATION INC.

For More Information Call (334) 281-4970.

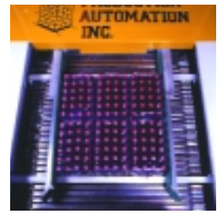


1. LINE DIVIDER: Cases are metered into the palletizer and divided into rows using PAI's smooth and efficient slat divider. The product is carried on urethane surfaced platens. Switching is accomplished by air operated UHMW shift-blocks, and diagonal movement of the platen is directed by use of a cam-roller on a hardened steel track.

2. CASE TURNING: Turners retract with each case and require no adjustment for varying case weights. PAI's soft turn provides protection for the cartons and true, consistent turns.

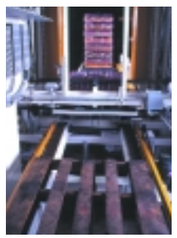
3. OPERATOR CONTROL STATION: Although no operator is required for PAI palletizers, convenient, uncomplicated controls are provided for the jogging of component or clearing of the machine. Enhanced versions of touchscreen controls are available upon request.

4. CASE CONVEYOR: Layer accumulating conveyors are designed (i.e. — stainless steel or low friction surfaces) for the characteristics of the product being handled. There are NO dangerous overhead rakes on these machines. Layers are conveyed into place without force of sweep-bars.



5. APRON & COMPRESSOR: PAI's clean-design, single stripping, stainless steel apron draws the layer into place. The layer is compressed on all four sides as the apron is stripped from beneath it, squarely depositing the layer on the load. Our accurate hoist positioning and pressure-relieving compression design allow for tight, straight loads.

6. PALLET MAGAZINE & DISPENSER: Stacks of 10-12 empty pallets are staged prior to the dispenser. As needed, the stacks are conveyed into position for PAI's automatic fork lift dispenser. Forks support the stack of pallets while the bottom pallet cycles forward into the hoist. This unit cycles in and out, up and down in the dispensing process. Forks support the whole pallet, not just the outermost top boards. Therefore, quality of pallet issues are less critical. (Additional pallet magazine stacks available.)



7. EMPTY PALLET CONVEYOR: Improved support of the empty pallet conveyor allows for simple, trouble-free handling of varying size and quality of pallets.

FULL PALLET CONVEYOR: Two sets of dual-run RC-80 chain conveyor (each with individual, automatic take-up) travels up and down with the hoist for full support of the completed load. Transition problems are eliminated by longer center chain run.

8. HOIST: Positive and consistent positioning of layers gives minimal drop-down distance. PAI has the smallest positioning distance in the industry. Multiple vertical speeds provide the ability to position effectively while reducing the change-out time of full loads to new pallets. PAI offers both proportional hydraulic and electrical with Flux-Vector drive designs.

9. FULL PALLET OUTFEED: PAI's tried and proven drag-chain design allows for multiple load accumulation with a single drive. This design simplifies dual-load pickup by dual-fork lift trucks. (Roller bed and CDLR chain available upon request.)